see ацаслер того тог additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 87-R-0002

CUSTOMER NUMBER: 2

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Utah State University Vp For Research/1450 Old Main Hill Logan, UT 84322

Telephone: (435) -797-1180

FACILITY LOCATIONS (Sites) - See Atached Listing

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

| A. Animals Covered By The Animal Welfare Regulations | B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes. | C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs. | D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. | E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilizing drups would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drups were not used must be attached to this report | F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E) |
|---|---|---|--|---|--|
| 4. Dogs | 0 | 0 | 0 | 0 | 0 |
| 5. Cats | 0 | | 0 | 0 | 0 |
| 6. Guinea Pigs | 0 | 0 | 0 | 0 | 0 |
| 7. Hamsters | 5 | 0 | 0 | 0 | 0 |
| 8. Rabbits | 8 | 31 | 35 | 0 | 66 |
| 9. Non-human Primates | 0 | 0 | 0 | 0 | 0 |
| 10. Sheep | 0 | 0 | 0 | 0 | 0 |
| 11. Pigs | 0 | 0 | 0 | 0 | 0 |
| 12. Other Farm Animals | 0 | 0 | 0 | 0 | 0 |
| 13. Other Animals | | <u> </u> | | | |
| [enrecs | 5 | 0 | 0 | 0 | 0 |
| Tree Shrew | 19 | | 4 | 0 | 4 |
| tton Tail Rabbi | it 160 | 48 | 0 | 0 | 48 |

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research leaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- []>, Trimisasibny usatomismigadimetrantesians and regularious and extrantesians and regularious and extrantesians and ex Institutional Animal Care and Use Committee (IACUC): A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNES

Print)

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See revers side to the Control No.

Section 2450 Bod Control Wilder Control Report Control No. UNITED STATES DEPARTMENT OF AGRICULTURE 1. REGISTRATION NO FORM APPROVED ANIMAL AND PLANT HEALTH INSPECTION SERVICE 87-R=002 OMB NO: 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code CONTINUATION SHEET FOR ANNUAL REPORT Utah State University OF RESEARCH FACILITY WP for Research (TYPE OR PRINT) 1450_01d_Main_Hill |||||||||Logan;|||UT 84322-1450 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets of necessary of use this form) Number of C Number of Number of animals upon animals being animals upon experiments, research, surgery or tests were which experiments, conducted involving accompanying pain or distress bred. Animals Covered which teaching, teaching, research, conditioned, or to the animals and for which the use of appropriate TOTAL NO. By The Animal research. surgery, or lests were OF ANIMALS held for use in anesthetic, analgesic, or tranquilizing drugs would Welfare Regulations experiments, or conducted involving leaching, testing, experiments, have adversely affected the procedures, results, or lests were accompanying pain or interpretation of the leaching, research, conducted distress to the animals research, or experiments, surgery, or tests. (An explanation of (Cols. C + D + E) invalving no and for which appropriate surgery but not yet used for such pam, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or animals and the reasons such drugs were not used 12 &/OR 13. Other use of paintranquilizing drugs were must be attached to this report). purposes. relieving drugs. (List by species) used 90 0 0 90 0 Raccoon 0 0 15 0 15 Cougar 5 0 0 0 5 Deer 0 0 8 8 E1k 0 2 0 0 Flying Squirrels Various Small Mammals* 0 400 0 0 400 *Capture & Release opulation Diversity Study ASSURANCE STATEMENTS 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility

2). Each principal investigator has considered alternatives to painful procedures

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499TB#31#idmgwerennariomforthis réséarch facility has appropriate authority for since the provision of adequate veterinary care and to oversee the adequate provision of adequate veterinary care and to oversee the adequate provision of adequate veterinary care and to oversee the adequate provision of adequate veterinary care and to oversee the adequate provision of adequate veterinary care and to oversee the adequate provision of a second care and the adequate veterinary care and to oversee the adequate provision of a second care and the adequate veterinary care and to oversee the adequate provision of a second care and the adequate veterinary care and to oversee the adequate veterinary care and the adequat

CERTIEICATION BY THE ADQUARTES RESEARCH FACILITY OF FIGURE

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information. interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 87-R-0003

CUSTOMER NUMBER: 3

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Brigham Young University A-261, Asb Provo, UT 84602

Telephone: (801) -378-6882

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

| A. Animals Covered By The Animal Welfare Regulations | В. | Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes. | c. | Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs. | D. | Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. | E. | Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for with the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report | TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E) |
|---|---|--|--|--|----------|---|----|--|--|
| 4. Dogs | | | - | 5 | - | 18 | _ | | 23 |
| 5. Cats | | | | 5 | - | 17 | | | 22 |
| 6. Guinea Pigs | | | | | | 1 | | | 1 |
| 7. Hamsters | | | | | | | | | |
| 8. labbits | | | | 3 | | 49 | | | 52 |
| 9. Non-human Primates | | | | | | | | | |
| 10. Sheep | | | | | | | | | |
| 11. Pigs | | | | | | | | | |
| 12. Other Farm Animals | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| 13. Other Animals | | | | | | | | | |
| Black Bears | | | | | | 42 | | | 42 |
| Coyote | | | | 13 | | | | | 13 |
| Ferrets | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | 2 | | 2 | | | 4 |

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual resenteaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applicational Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

| | CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL | |
|-------|---|-------------|
| _ | (Chief Executive Officer or Legally Responsible Institutional Official) | _ |
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| SIGNA | | DATE SIGNED |
| | | 11/21/0 |

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCF-68), which is obsolete.)

(AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 87-R-0003

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Codel

OF RESEARCH FACILITY A261 ASB = (TYPE OR PRINT) Provo, UT 84602 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adictitional sheets if necessary or use this form.) TOTAL NO OF ANIMALS

| A | B. Number of | Ta 11 11 | | E. Number of animals upon which teaching. |
|---|---|--|---|--|
| Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by species) | animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. | C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs. | D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. | experiments, research, surgery or tests were conducted involving accompanying pain or district to the animals and for which the use of approprial anesthetic, analgesic, or tranquilizing drugs wou have adversely affected the procedures, results, interpretation of the teaching, research, experiments, surgery, or tests. (An explanation the procedures producing pain or distress in the animals and the reasons such drugs were not unust be attached to this report). |
| Chinchilla | | | 1 | |
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ASSURANCE STATEMENTS

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drug and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and ex principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this an addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animal care.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE C

DATE SIGNED 11/21/02

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plained by the

nual report. In

l other aspects of

(Cols. C + D + E)

Customer ID and Site Address:

ID: 3

9th Floor, Widtsoe Building Provo, UT 84602-1231 County: Utah Telephone: (801)422-6882

Veterinary Technology Kennel Provo, UT 84602-1231

County: Utah

Telephone: (801)422-6882

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21:

additional information.

1 2001 104/32/2000

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 87-R-0004

CUSTOMER NUMBER: 4

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

L D S Hospital 8th Avenue And C Street Salt Lake City, UT 84143

Telephone: (801) -321-7700 408 - (100

(801) 314-2268

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

| A. | В. | being bred, | C. | Number of animals upon | D. | Number of animals upon which experiments, | E | Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving | F. |
|---|---|---|---|---------------------------------------|--|--|--|---|-------------|
| Animals Covered By The Animal Welfare Regulations | conditioned, or held for use in tasching testing experiments, research, or surgery but not ye used for such purposes. | held for use in .teaching | or which teaching, in research, sting experiments or tests were conducted not ye involving no pain, | ľ | teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate | 1 | accompanying pain or distress to the animals and for whether use of appropriate anesthetic, analgesic, or tranquilized uses would have adversally affected the procedures resor interpretation of the telesching, research, experiments, suppers, or fests: (An explanation of the procedures producing pain or distress in these animals and the reast) | OF ANIMALS (COLUMNS | |
| | | used for such | | distress, or use or pain-relieving | | anesthetic, analgesic, or tranquilizing drugs were used. | | such drugs were not used must be attached to this report | - C + D + E |
| 4. Dogs | | | | | | 2 | | | 2 |
| 5. Cats | | | | | | | | | |
| 6. Guinea Pigs | <u> </u> | | | | | | | | |
| 7. Hamsters | _ | | | | | | Γ | | |
| 8. Rabbits | | | | | | | | | |
| 9. Non-human Primates | | | | | 1 | | | | |
| 10. Sheep | | | | | | | | | |
| 11. Pigs | Ι | | | | 1 | | | | |
| 12. Other Farm Animals | | | | | | | | | |
| 13. Other Animals | <u></u> | | - | | _ | | - | | |
| Routs | | | | | | 18 | | | 18 |
| | | | | | | | _ | | |

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestatic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and app. Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

| CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIA |
|---|
| (Chief Executive Officer or Legally Responsible Institutional Official) |

SIGN

DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

Customer ID and Site Address:

ID:4

8th Avenue And C

Street

Salt Lake City, UT 84143

County: Salt Lake

Telephone

(801)321-1186 408-1100

(801) 314-2268

Research Facilities: Dogs Medical Physics Lab

additional information result in an order to cease and desist and to be subject to penalties as provided for in Section 21f UNITED STATES DEPARTMENT OF AGRICULTURE 1. CERTIFICATE NUMBER: FORM APPROVED CUSTOMER NUMBER: 5 ANIMAL AND PLANT HEALTH INSPECTION SERVICE Y3611111111T11111118818 Weber State University ANNUAL REPORT OF RESEARCH FACILITY 3750 Harrison Blvd. (TYPE OR PRINT) Ogden, UT 84408 Telephone: (801) -626-7931 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research testing, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS (Sites) - See Atached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A) Number of animal Number of Number of animals upon E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving being bred. animals upon which experiments which teaching conditioned, or teaching research. accompanying pain or distress to the animals and for wh **Animals Covered** held for use in research, surgery, or tests were the use of appropriate anasthetic, analgesic, or tranquilizexperiments, or By The Animai teaching, testing. conducted involving drugs would have adversely affected the procedures, res Welfare Regulations experiments, tests were accompanying pain or or interpretation of the teaching, research, experiments, research, or conducted distress to the animals an surgery, or tests. (An explanation of the procedures surgery but not ye involving no pain, for which appropriate producing pain or distress in these animals and the reason used for such distress, or use o anesthetic, analgesic, or such drugs were not used must be attached to this repor i pain-relieving purposes. tranquilizing drugs were drugs. used. 0 0 4 Doos Δ

| 4. Dogs | U | U | U | 0 | : 0 |
|------------------------|---|---|---|--|---------------------------------------|
| 5. Cats | 0 | 0 | 0 | 0 | · · · · · · · · · · · · · · · · · · · |
| 6. Guinea Pigs | 0 | 0 | 0 | 0 | ; 0 |
| 7. Hamsters | 0 | 0 | 0 | 0 | 0 |
| 8. Rabbits | 0 | 0 | 0 | 0 | , 0 |
| 9. Non-human Primates | 0 | 0 | 0 | 0 | 0 |
| 10. Sheep | 0 | 0 | 0 | 0 | 0 |
| 11. Pigs | 0 | 0 | 0 | 0 | 0 |
| 12. Other Farm Animals | 0 | 0 | 0 | 0 | 0 |
| 13. Other Animals | 0 | 0 | 0 | 0 | i 0 |
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ASSURANCE STATEMENTS

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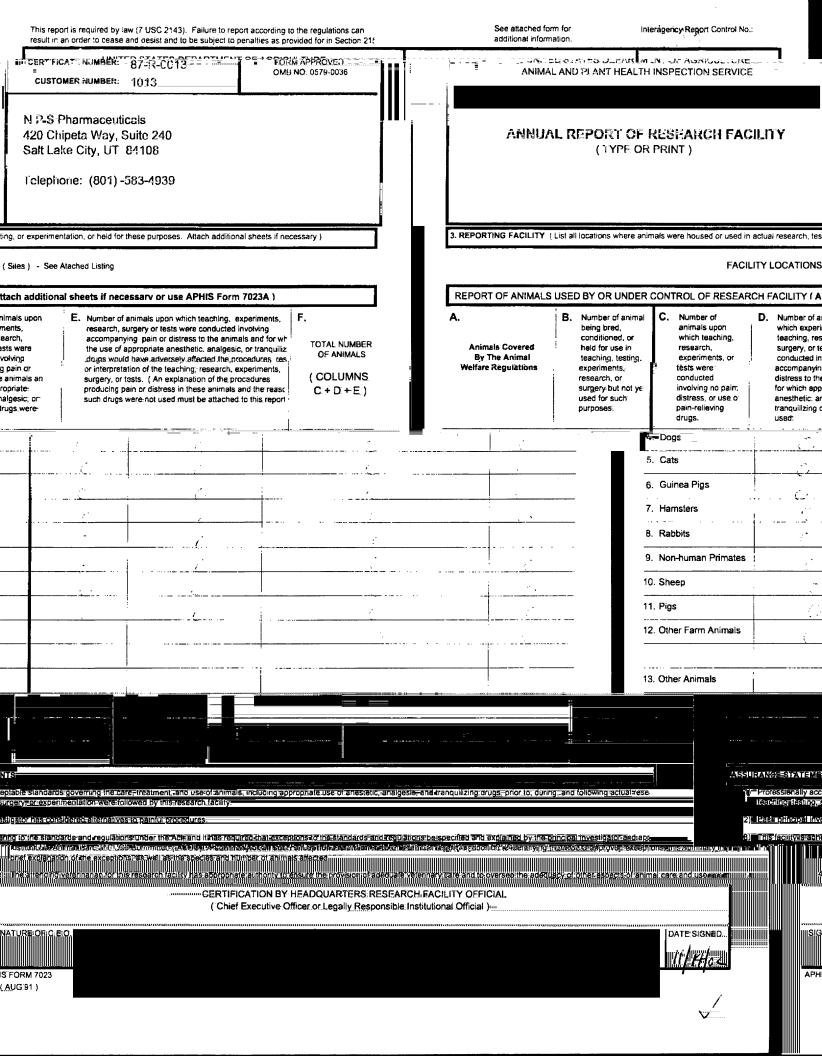
SIGNED

NIMALS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestellic analgesic, and tranquilizing drugs, or or to during and following acceptable. teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigato Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this sur prief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veternarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

(AUG 91)



This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

87-R-0018

ANNUAL REPORT OF RESEARCH FACILITY

CUSTOMER NO. 1629

FORM APPROVED OMB NO. 0579-0036

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) FRONTIER BIOMEDICAL, INC.

1785 NORTH 730 WEST **LOGAN, UT 84321**

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

FRONTIER BIOMEDICAL, INC. LOGAN, UT 84321

| A. Animals Covered By The Animal Welfare Regulations | 8. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. | C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs. | D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. | E. Number of animals upon which teaching, experiments, research, surgery or teats were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report) | F. TOTAL NO. OF ANIMALS (Cols. C + D + E) |
|---|---|---|---|--|---|
| 4. Dogs | | | | | |
| 5. Cats | | | | | |
| 6. Guinea Pigs | | | | | |
| 7. Hamsters | | | | | |
| 8. Rabbits | | | | | |
| 9. Non-Human Primates | | | | | |
| 10. Sheep | 6 | 9 | 189 | | 198 |
| 11. Pigs | | | 17 | | 17 |
| 12. Other Farm Animals | | | | | |
| 13. Other Animals | | | | | |
| Page | | | | | |
| | | | | | |
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- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

- 3/1 Tis recently as auditinity to auditinity to auditinity to a standards and regulations under the required that required the exceptions is established and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is established to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility-has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

| CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIA | L |
|---|---|
| (Chief Executive Officer or Legally Responsible Institutional official) | Г |

I certify that the above is true, correct, and complete (7.U.S.C. Section 2143)

DATE SIGNED.

NAME & TITLE OF CLETO: OR:INSTITUTIONAL OFFICIAL (Type or Print) 11/19/2002

FORM APPROVED

OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 87-R-0020

CUSTOMER NUMBER: 1831

Utah Artificial Heart Inst. 803 North 300 West Salt Lake City, UT 84103

Telephone: (801) -323-1100

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

| A. Animals Covered By The Animal Welfare Regulations | B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes. | C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs. | D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. | E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report | F. TOTAL NUMBEF OF ANIMALS (COLUMNS C + D + E) |
|---|---|---|--|--|--|
| 4. Dogs | | | | | |
| 5. Cats | | | | | |
| 6. Guinea Pigs | | | | | 144.5 |
| 7. Hamsters | | | | | |
| 8. Rabbits | | | | | |
| 9. Non-human Primates | | | | | . , |
| 10. Sheep | | | 5 | | 5 |
| 11. Pigs | 2 | | 28 | | 28 |
| 12. Other Farm Animals | | | | | |
| Calves | Ī: | | 10 | | 10 |
| 3. Other Animals | | | | | |
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ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual resi teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and app Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

(AUG 91)

Customer ID and Site Address:

ID: 1831

803 North 300 West Salt Lake City, UT 84103 County: Salt Lake Telephone (801)323-1100